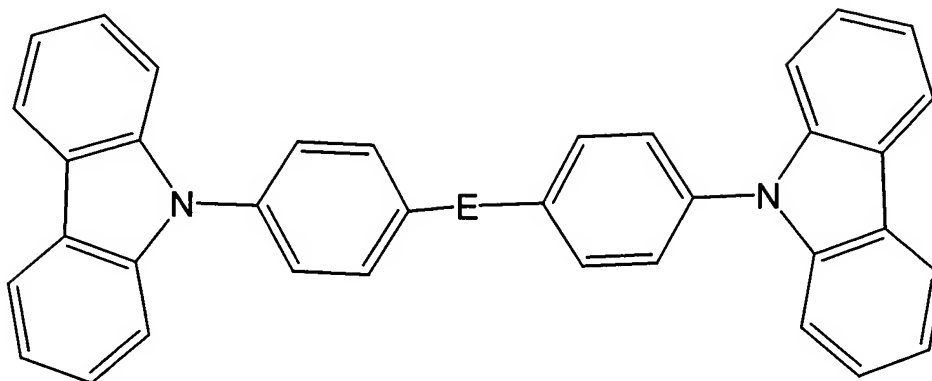


CLAIMS

What is claimed is:

1. A compound having the formula

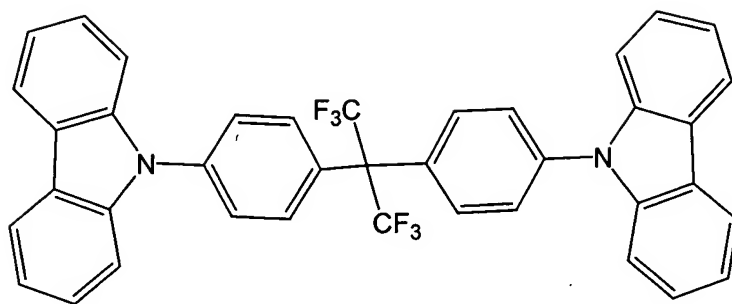
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- wherein E is selected from O, S, $(\text{SiR}^1\text{R}^2)_m$ wherein m is an integer of 1 to 20, $(\text{CR}^1\text{R}^2)_m$ wherein m is an integer of 1 to 20, and combinations thereof, wherein R^1 and R^2 are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy.

2. A composition comprising a compound of claim 1.
3. An electronic device comprising at least one layer comprising the compound of claim 1.
4. The electronic device of claim 3, wherein the device is selected from a light-emitting diode, a light-emitting diode display, a laser diode, a photodetector, photoconductive cell, photoresistor, photoswitch, phototransistor, phototube, IR-detector, photovoltaic device, solar cell, light sensor, photoconductor, electrophotographic device, transistor, and diode.

5. A compound having the formula:



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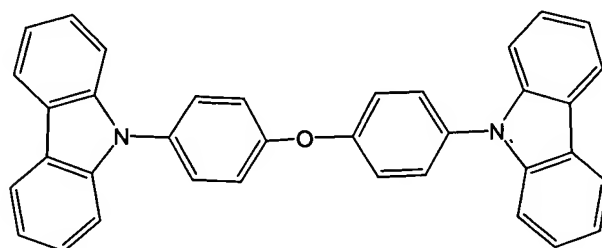
6. A composition comprising a compound of claim 5.

10 7. An electronic device comprising at least one layer comprising the compound of claim 5.

15 8. The electronic device of claim 7, wherein the device is selected from a light-emitting diode, a light-emitting diode display, a laser diode, a photodetector, photoconductive cell, photoresistor, photoswitch, phototransistor, phototube, IR-detector, photovoltaic device, solar cell, light sensor, photoconductor, electrophotographic device, transistor, and diode.

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9. A compound having the formula:



10. A composition comprising a compound of claim 9.

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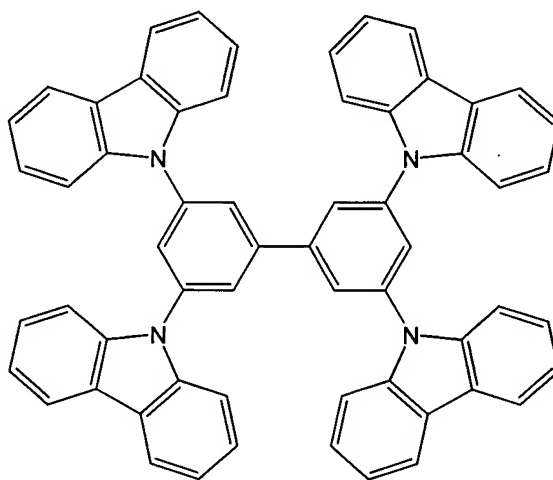
11. An electronic device comprising at least one layer comprising the compound of claim 9.

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12. An electronic device of claim 11, wherein the electronic device is selected from a light-emitting diode, a light-emitting diode display, a laser diode, a photodetector, photoconductive cell, photoresistor, photoswitch, phototransistor, phototube, IR-detector, photovoltaic device, solar cell, light sensor, photoconductor, electrophotographic device, transistor, and diode.

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13. A compound having the formula:



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14. A composition comprising the compound of claim 13.

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15. An electronic device comprising the compound of claim 13.

16. The electronic device of claim 15, wherein the electronic device is
selected from a light-emitting diode, a light-emitting diode display, a
laser diode, a photodetector, photoconductive cell, photoresistor,
5 photoswitch, phototransistor, phototube, IR-detector, photovoltaic
device, solar cell, light sensor, photoconductor, electrophotographic
device, transistor, and diode.

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